# Non-Template Pod Acquisitions

1. Create Pods from rs/frontend-pod.yaml.
2. Create ReplicaSets from rs/frontend-rs.yaml.
3. Check that Pods have been owned by the ReplicaSet:

* In Pods check metadata.ownerReferences field
* In ReplicaSet metadata.uid field

1. Delete ReplicaSet.
2. Check that all Pods owned by ReplicaSet were deleted as well.

$ kubectl get pods [-n <namespace>] <pod-name> -o jsonpath='{.metadata.uid}'

## Solution

1. Create Pods from rs/frontend-pod.yaml.

$ kubectl create -f rs/frontend-pod.yaml  
pod/busy124 created  
pod/busy132 created

1. Create ReplicaSets from rs/frontend-rs.yaml.

$ kubectl create -f rs/frontend-rs.yaml  
replicaset.apps/frontend created

1. Check that Pods have been owned by the ReplicaSet:

* In Pods check metadata.ownerReferences field
* In ReplicaSet metadata.uid field

$ kubectl get pod busy124 busy132 -o yaml | yq e '.items.[].metadata.ownerReferences' -  
- apiVersion: apps/v1  
 blockOwnerDeletion: true  
 controller: true  
 kind: ReplicaSet  
 name: frontend  
 uid: 37748045-e693-4056-ab2b-58467fb7e716  
- apiVersion: apps/v1  
 blockOwnerDeletion: true  
 controller: true  
 kind: ReplicaSet  
 name: frontend  
 uid: 37748045-e693-4056-ab2b-58467fb7e716  
  
$ kubectl get rs frontend -o yaml | yq e .metadata.uid -  
37748045-e693-4056-ab2b-58467fb7e716

1. Delete ReplicaSet.

$ kubectl delete rs frontend  
replicaset.apps "frontend" deleted

1. Check that all Pods owned by ReplicaSet were deleted as well.

$ kubectl get pods -o jsonpath='{.metadata.uid}'  
$ kubectl get pods  
No resources found in default namespace.